

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051119\
 Data File : VU031925.D
 Acq On : 11 May 2019 12:52
 Operator : JC/SP
 Sample : K2705-14DL 40X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B52DL

Manual Integrations
 APPROVED

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 5/13/2019 1:02:15 PM

Quant Time: May 13 13:03:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 13 01:54:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1031190	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1006946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	380586	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	348925	40.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.86%
7) Chloroethane-d5	1.67	69	314185m	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.22%
11) 1,1-Dichloroethene-d2	2.27	63	502690	29.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.50%#
21) 2-Butanone-d5	4.17	46	655563	83.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.84%
24) Chloroform-d	4.64	84	696292	44.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.10%
26) 1,2-Dichloroethane-d4	5.30	65	462697	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
32) Benzene-d6	5.34	84	1402027	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.68%
36) 1,2-Dichloropropane-d6	6.32	67	494617	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.94%
41) Toluene-d8	7.56	98	1163242	43.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.38%
43) trans-1,3-Dichloropropene-	7.85	79	195861	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.88%
47) 2-Hexanone-d5	8.31	63	418202	88.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	687367	47.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.16%
64) 1,2-Dichlorobenzene-d4	11.85	152	394451	49.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.56%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	116697	12.977 ug/L	96
34) Trichloroethene	6.18	95	527925	58.828 ug/L	99
46) Tetrachloroethene	8.22	164	275456	45.024 ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

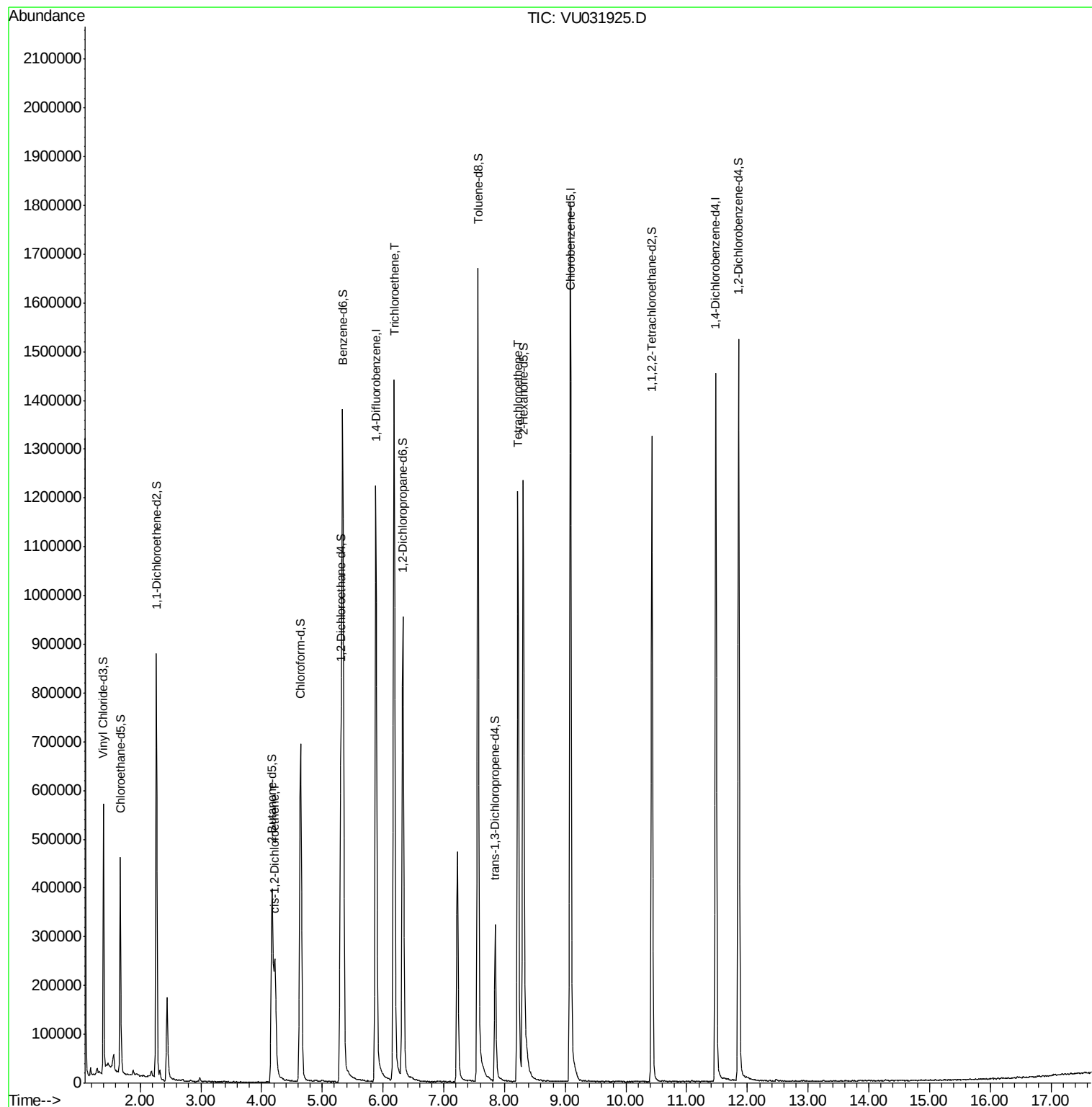
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051119\
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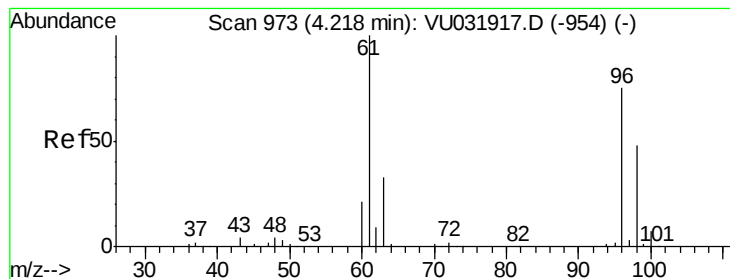
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Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 12.977 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU031925.D

Acq: 11 May 2019 12:52

Instrument :

MSVOA_U

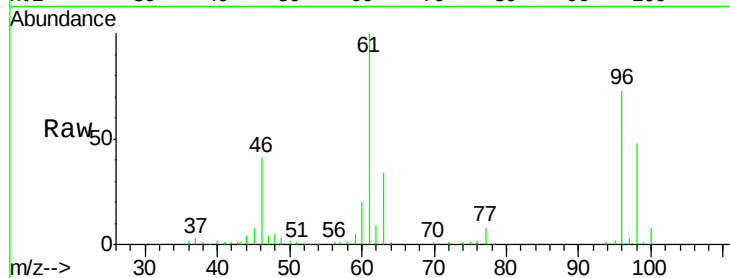
ClientSampleId :

C0B52DL

Tot Ion:	96	Resp:	11697
Ion Ratio	Lower	Upper	
96	100		
61	136.8	99.5	184.7
68	0.0	0.0	0.0

Manual Integrations
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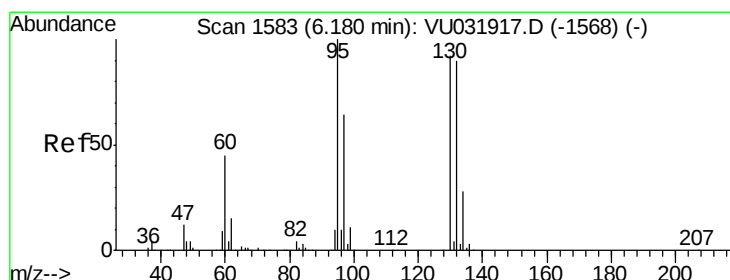
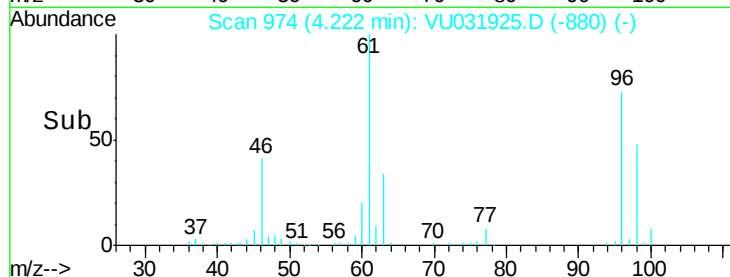
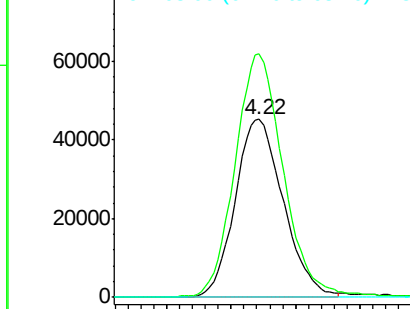


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 58.828 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031925.D

Acq: 11 May 2019 12:52

Tgt Ion:	95	Resp:	527925
Ion Ratio	Lower	Upper	
95	100		
97	64.6	44.8	83.2
132	88.3	63.1	117.1
130	93.8	66.5	123.5

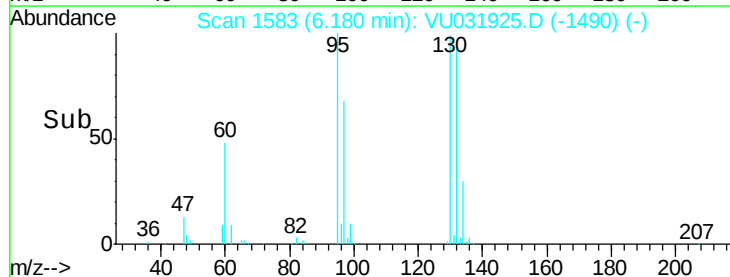
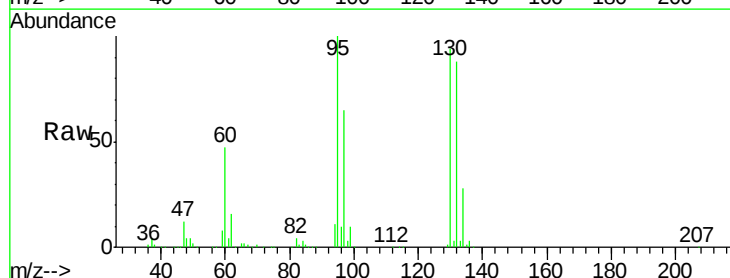
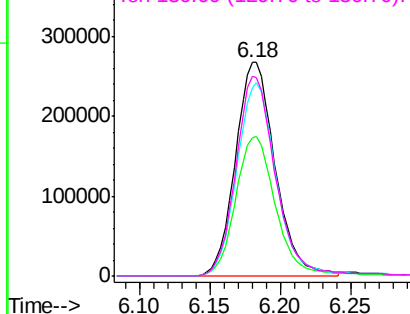
Abundance

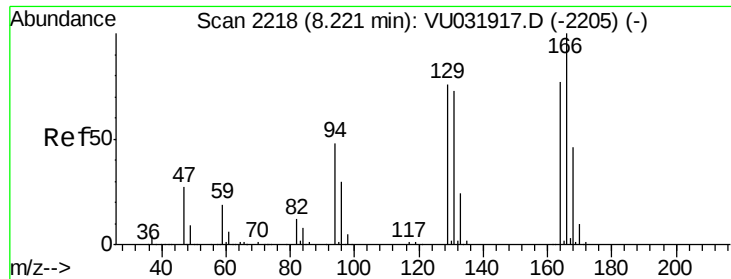
Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46
Tetrachloroethene
Concen: 45.024 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
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Tot Ion	Ratio	Resp Lower	Resp Upper
164	100		
129	98.0	71.5	132.9
131	94.9	69.0	128.2
166	128.9	93.7	173.9

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